

**IMMUNOSTIMULANT COMPOSITIONS COMPRISING
AMINOALKYL GLUCOSAMINIDE PHOSPHATES AND SAPONINS**

ABSTRACT OF THE DISCLOSURE

The invention provides pharmaceutical compositions, particularly vaccine
5 compositions, employing an adjuvant system comprising at least one aminoalkyl
glucosaminide phosphate compound and at least one saponin compound. Such compositions
synergistically enhance the immune response in a mammal to a co-administered antigen.
Also provided are methods of using the compositions in the treatment of various human
diseases, including cancer, microbial infections and autoimmune disorders.

SF 1313801 v1